ID :71 Ranibagh Bridge __ __ __ __ __

on Chainage 0.400 of Kathgodam (Ranibag) Bhimtal Khutani Padampuri Dhanachuli Pahadpani Shaharfatak Mornaula Devidhura Lohaghat Pancheswer state highway

In District Nanital Under TD Bhawali Division

Bridge Inventory Report

Division: TD Bhawali

Data not-yet finalized

General
Name of Division : 12
Revenue Block Name : 78
Chainage (at Mid Point) : 0.400
Road/ Segment Name : 56
Bridge Type : Motor Bridge High Level
Structure No : 1
Feature Intersected : Baliya nala
Name of Bridge : Ranibagh Bridge
Nearest Town : Kathgodam
Latitude (Northing) : 29.29145200
Longitude (Easting) : 79.54824200
Construction Year : 2022
Inventory Year : 2023
Work Code(s) : --
Geometric
Overall length (in meter) : 60.00
Total No of Span : 1
Maximuam Span (in meter) : 60.00
Span Arragment : 1*60
No of Lane : 2.000
Overall Width (m) : 9.500
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 7.500
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 476.000
OFL Ordinary Flood Level :
LWL Low Water Level : 472.913
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre :
Road Level at Centre : 494.000
Design Scour Level at Pier :
Design Scour Level at Abutments :

Exposure Condition : Moderate
Seismic Importance factor : 1.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : plum concrete
Bank Protection Right Side of Up-stream : plum concrete
Bank Protection Left Side of Down-stream : plum concrete
Bank Protection Right Side of Down-stream : plum concrete
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : K.K. Pathak

